

# **TOWN OF WARRENTON, VIRGINIA**

## **INVITATION FOR BID**

**IFB NUMBER:** 02-016

**DATE OF THIS REQUEST:** May 31, 2002

**DESCRIPTION:** Water & Wastewater Treatment Chemicals

**BID DEADLINE/OPENING DATE:** June 14, 2002, 2:00 P.M.

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For technical information relating to this IFB, please contact:

Allen G. Chichester  
Water and Wastewater Treatment Plants  
731 Frost Avenue  
P.O. Drawer 341  
Warrenton, VA 22186  
540-347-1104  
e-mail [achiches@ci.warrenton.va.us](mailto:achiches@ci.warrenton.va.us)

For other information relating to this IFB, please contact:

Purchasing Agent  
18 Court Street  
P.O. Drawer 341  
Warrenton, VA 22186  
540-347-1101  
e-mail [staff@ci.warrenton.va.us](mailto:staff@ci.warrenton.va.us)

The Town of Warrenton is currently seeking bids from qualified vendors to be the sole supplier of listed chemicals for the Town's Water and Wastewater Treatment Plant.

1. The Town of Warrenton, General Terms and Conditions - Goods, attached hereto, shall apply to this purchase.
2. To insure competitive pricing and to more accurately describe the product, the Town has defined

each item by its generic name. The Town will accept any brand or manufacturer of chemical that meets the attached specifications. The Town will not be required to purchase products other than those listed for the successful bidder, but may request quotes for new products as necessary.

3. All quantities are estimated for a twelve- month period. The Town will not be required to purchase the exact amounts indicated, in some cases quantities may be more or less.
4. The initial term of the purchase arrangement shall be for a twelve-month period from the first day of the month following award and issuance of a purchase order. All prices bid shall be fixed for this period. The Town reserves the right, at its sole discretion, to extend the purchase agreement for 3 (three) additional one-year terms.
5. Any increase in unit cost for successive terms shall be subject to acceptance by the Town of Warrenton. Vendor shall notify the Town of Warrenton, in writing to the Superintendent of Water and Wastewater Treatment Plants, at least 60 (sixty) days prior to any purchase agreement expiration, of any increase in unit price.
6. Bid price shall include all shipping and handling costs. All container deposit requirements, if any, shall be waived by the vendor. The Town will reimburse vendor, at cost, for any lost, stolen or damaged containers.
7. Payment terms are net 30 days, from receipt of invoice or acceptance of goods, whichever is later.
8. Delivery shall be made between the hours of 8:00 AM and 4:00 PM EST to the Town's Wastewater Treatment Plant, 731 Frost Avenue, Warrenton, VA 22186 or Water Treatment Plant, 7240 Blackwell Road, Warrenton, VA 20187. There shall be no minimum order quantity or dollar amount required for any purchase made against this contract. No delivery or miscellaneous charges will be honored unless included and clearly stated in the original bid amount. Delivery shall be made within 24 hours for emergency orders placed prior 4:00 P.M. Saturday, Sunday and Holiday orders may be required in emergency situations. The normal delivery schedule for both plants is 14 (fourteen) calendar days of any telephone order unless the Superintendent of Water and Wastewater Treatment Plants agrees to a different delivery schedule.
9. The Town of Warrenton will issue an open purchase order in the approximate dollar value of the purchase agreement. This purchase order will be valid for the initial term, and if applicable reissued for successive terms.
10. As it is assumed that the selected vendor will either deliver or contract for delivery, the vendor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the delivery of the goods hereunder by the vendor, his agents, representatives, employees or subcontractors.

The contractor shall provide a certificate of insurance naming the Town of Warrenton as additional insured **and, if requested** a certified copy of said policy or endorsement(s) before commencement of contract. All insurance shall be placed with an insurer licensed to do business in the Commonwealth of Virginia. The underwriter shall be subject to the approval of the Town of Warrenton.

The contractor shall maintain limits no less than:

- a. Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate limit shall apply separately to this project/location or the general aggregate shall be twice the required occurrence limit.
- b. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
- c. Workers' Compensation and Employers Liability: Worker's Compensation as required by the Code of the Commonwealth of Virginia and Employers Liability limits of \$1,000,000 per accident.

11. ALL BIDS MUST BE PLACED ON THE ATTACHED PRICE BID SHEET. THE BID SHEET MUST BE SIGNED AND SUBMITTED BY AN INDIVIDUAL AUTHORIZED TO LEGALLY BIND THE ORGANIZATION. BIDDER IS ENCOURAGED TO READ THE BID SHEET CAREFULLY AND INCLUDE ALL REQUIRED ITEMS. FAILURE TO SUBMIT ANY REQUIRED ITEM SHALL MAKE THE BID NON-RESPONSIVE.

All bids must be signed and sealed in envelopes plainly marked on the outside, "Sealed Bid - Water & Wastewater Treatment Chemicals to be opened June 15, 2002" and should be sent to the Purchasing Agent.

Bids are opened and read aloud by the Purchasing Agent at the appointed hour and date in the presence of the Utilities Superintendent and such of the bidders as choose to attend.

Telephone requests for bid results will not be honored. Bid results will be posted on the Town's website, [www.ci.warrenton.va.us](http://www.ci.warrenton.va.us), usually within 24 hours of bid opening. Written requests for bid tabulation sheet may be sent to Purchasing Agent via Fax 540-349-2414.

The Town reserves the right to reject any and all bids and waive all formalities. All contracts are awarded by the Town Manager. In the event the Town Manager rejects all bids, the Town will advertise or make the purchase on the open market.

## Specifications for Chemicals at Water and Wastewater Plants

Water Filtration Plant (WTP): Wastewater Treatment Plant (STP)

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CHLORINE	liquid 99.9 %
Formula	CL <sub>2</sub>
Vapor Density ( Air = 1 )	2.67 @ 70 F
Specific Gravity ( H <sub>2</sub> O=1 )	1.468 liquid @ 0/4 C
Solubility ( weight % in water )	.73 @ 20 C
Bulk Density	3.2 grams / liter
Appearance	greenish-yellow gas
Odor	pungent and irritating
Unit Size	ton containers
Estimated Annual Usage	WTP-32,216 lbs; STP-52,625 lbs

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SULFUR DIOXIDE	liquid >99 %
Formula	S O <sub>2</sub>
Vapor Density ( air=1 )	2.3
Specific Gravity ( H <sub>2</sub> O=1 )	1.43
Solubility in Water	17 %
Appearance	colorless
Odor	burning sulfur
Unit Size	ton containers
Estimated Annual Usage	STP-36,500 lbs

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SODA ASH LIGHT	solid
Formula	Na <sub>2</sub> CO <sub>3</sub>
Specific Gravity ( H <sub>2</sub> O=1 )	2.533
Solubility in Water	17 % @ 20 C
ph ( 1% solution )	11.3
AWWA Standard	B 201-80
Unit Size	50 lb bag
Estimated Annual Usage	WTP-180,913 lbs ; STP-109,675 lbs

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LIME	hydrated
Formula	Ca( OH ) <sub>2</sub>
Specific Gravity ( H <sub>2</sub> O=1 )	2.24
Solubility in Water	slightly
Appearance	fine white to yellow white powder
Odor	none
Maximum Level of Impurities	heavy metals 0.004 %

AWWA Standard	lead 0.001 %
Unit Size	B 202-77
Estimated Annual Usage	50 lb bag
	WTP-9,854 lbs.

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SODIUM HEXAMETAPHOSHPATE	100 %
Formula	H <sub>6</sub> O <sub>18</sub> P <sub>6</sub> . 6Na
Bulk Density	70-81 lbs/ft <sup>3</sup>
ph	8-8.6
Solubility in Water	100 %
Appearance	white, granular powder
Odor	none
AWWA Standard	B 502-88
Unit Size	50 lb bag
Estimated Annual Usage	WTP-8,500 lbs.

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HYDROFLUOSILICIC ACID	10-30 %
Formula	H <sub>2</sub> Si F <sub>6</sub> in H <sub>2</sub> O
Specific Gravity ( water=1 )	1.22 ( est )
Water Solubility	100 %
Appearance	colorless liquid
Odor	sharp, pungent
Unit size	155 lb drum
Estimated Annual Usage	WTP-19,000 lbs.

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COPPER SULFATE	medium crystal >=99 %
Formula	a: CM SO <sub>4</sub> .5H <sub>2</sub> O
	b: CU SO <sub>4</sub>
Specific Gravity ( H <sub>2</sub> O=1 )	a: 2.28
	b: 3.603
Solubility in Water	30 %
Appearance	blue
Odor	none
AWWA Standard	602
Unit Size	50 lb bag
Estimated Annual Usage	WTP-250 lbs.

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POTASSIUM PERMANGANATE	98 %
Formula	K MN O <sub>4</sub>
Specific Gravity ( water=1 )	2.7
Solubility in Water	6.5 %
Appearance	dark blue/purple crystals

Odor	none
AWWA Standard	B 603
Unit Size	55 lb pail
Estimated Annual Usage	WTP-1,800 lbs.

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#### CAUSTIC SODA LIQUID

pH	basic
Water Solubility	100%
Appearance	water-white to slightly turbid solution
Odor	none
Sodium Hydroxide	50%
Freezing Point	50 degrees farenheight
Specific Gravity	1.53
Unit Size	700# drum
Estimated Annual Usage	STP-6,300 lbs.

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#### HTH

Active Ingredient	calcium hypochlorite 65.0%
Appearance	white granular powder
Unit Size	25 lb. container
Estimated Annual Usage	WTP-25 lbs.; STP-25 lbs.

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#### CALCIUM HYPOCHLORITE TABLETS

Active Ingredient	calcium hypochlorite 65.0%
Physical State	3" tablets
Odor	slight chlorine
Color	white tablets with blue colorant
Unit Size	55 lb. Container
Estimated Annual Usage	STP-1,650 lbs.

#### NOTE:

- Delivery capabilities must be weekly for normal deliveries and next day in emergencies.
- Normal deliveries at both plants are bi-weekly
- Successful bidder must be able to supply all of the above listed chemicals.
- Individual items will not be purchased separately.

### Bid Sheet

**IFB NUMBER:** 02-016

**DATE OF THIS REQUEST:** May 31, 2002

**DESCRIPTION:** Water & Wastewater Treatment Chemicals

**BID DEADLINE/OPENING DATE:** June 14, 2002, 2:00 P.M.

Chemical Name	Unit Quantity	Unit Bid
Chlorine	Ton	
Sulfur Dioxide	Ton	
Soda Ash Light	50 lb bag	
Lime	50 lb bag	
Sodium Hexametaphosphate	50 lb bag	
Hydrofluosilicic Acid	15 gal	
Copper Sulfate	50 lb bag	
Caustic Soda Liquid	Lb	
HTH	25 lb pail	
Potassium Permanganate	55 lb pail	
Calcium Hypochlorite Tablets	55 lb pail	

<b>Terms:</b> Identify any discount offered for prompt payment, etc.	
Shipping Point:	
Company Name:	
Complete Address:	
Phone	
Fax	
Authorized Signature	
Printed Name	
Date	

**TOWN OF WARRENTON, VIRGINIA  
GENERAL TERMS AND CONDITIONS  
GOODS**

1. **MANDATORY USE OF TOWN FORMS, TERMS AND CONDITIONS:** Failure to submit a bid/proposal on the official Town form provided shall be a cause for rejection of the bid/proposal. Return of the complete document is required. Modification of or additions to any portion of the solicitation may be cause for rejection of the bid/proposal; however, the Town reserves the right to decide, on a case by case basis, in its sole discretion, whether or not to reject such a bid/proposal as nonresponsive.
2. **PRECEDENCE OF TERMS:** in case of a conflict between the General Terms and conditions and any Special Terms and Conditions for use in a particular procurement, the Special Terms and Conditions shall apply.
3. **CLARIFICATION OF TERMS:** If any prospective bidder/offeror has questions about the specifications or other solicitation documents, the prospective bidder/offeror should contact the Purchasing Director of the Department Head whose name appears on the face of the solicitation by five days before the bid opening date. Any revisions to the solicitation will be made only by a written addendum issued by the Purchasing Director.
4. **BRAND NAME OR EQUAL:** Unless otherwise provided in this solicitation, the name of a certain brand, make or manufacturer does not restrict bidders/offerors to the specific brand, make or manufacturing name, but conveys the general style, type, character and quality of the article needed. Any article that the Town, in its sole discretion, determines to be equal to that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. The bidder/offeror is responsible for clearly and specifically showing that the product being offered, by providing specific descriptive literature, catalog cuts and technical details, to enable the Town to decide whether the product offered meets the requirements of the solicitation. This is required even if offering the exact brand, make or manufacturer specified.

Normally in competitive sealed bidding, only the information furnished with the bid will be considered in the evaluation process. Failure to furnish adequate data for evaluation purposes may result in the Town declaring the bid nonresponsive. Unless the bidder/offeror clearly shows in his bid/proposal that the product being offered is an Aequal@ product, such bid/proposal will be considered to offer the brand name product referenced in the solicitation.

5. **TRANSPORTATION AND PACKAGING:** By submitting a bid/proposal, all bidders/offerors certify and warrant that the price offered for FOB Destination includes only the actual freight costs at the lowest and best rate and is based upon the actual weight of the goods to be shipped. Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with the purchase order number, commodity description and quantity.
6. **TESTING AND INSPECTION:** The Town reserves the right to conduct any test/inspection it may deem advisable to assure supplies and services conform to the specifications.
7. **PAYMENT TERMS:** Any payment terms requiring payment in less than 30 days will be regarded as requiring payment 30 days after receipt of an invoice, or acceptance of the goods by the Town of Warrenton, whichever occurs later. This shall not affect offers of discounts for payment in less than 30 days, however.
8. **INVOICES:** Invoices for items ordered, delivered and accepted shall be submitted by the seller direct to the payment address shown on the purchase order/contract. All invoices shall show the Town's contract number and/or purchase order number.



9. **TAXES:** Sales to the Town of Warrenton are exempt from state and local sales taxes. State sales and use tax certificates of exemptions will be issued upon request.
10. **DEFAULT:** In case of failure to deliver goods or services according to the contract terms and conditions, the Town, after due oral or written notice, may obtain them from other sources and hold the contractor responsible for any resulting additional purchase and administrative costs. This remedy shall be beyond any other remedies that the Town may have.
11. **ASSIGNMENT OF CONTRACT:** A contract shall not be assignable by the contractor in whole or in part without the written consent of the Town.
12. **ANTITRUST:** By entering into a contract, the bidder/offeror conveys, sells, assigns and transfers to the Town of Warrenton all rights, title and interest in and to all causes of the action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia relating to the particular goods or services purchased or acquired by the Town of Warrenton under said contract.
13. **ETHICS IN PUBLIC CONTRACTING:** By submitting a bid/proposal, all bidders/offerors certify that their bids/proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other bidder/offeror, supplier, manufacturer or subcontractor about their bid/proposal, and that they have not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised unless consideration of substantially equal or greater value was exchanged.
14. **ANTI-DISCRIMINATION:** By submitting a bid/proposal all bidders/offerors certify to the Town that they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, and the Virginia Fair Employment Act of 1975, as amended, where applicable, and Section 11-51 of the Virginia Public Procurement Act that provides:

In every contract more than \$10,000, the provisions in A and B below apply:

- A. During the performance of this contract, the contractor agrees as follows:

The Seller will not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin, except where religion, sex or national origin is a bonafide occupational qualification reasonably necessary to the normal operation of the seller. The seller agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

The seller, in all solicitations or advertisements for employees placed by or for the seller, will state that such sellers are equal opportunity employers.

Notices, advertisements and solicitations placed according to federal law, rule or regulation shall be deemed sufficient for meeting the requirements of this section.

- B. The seller will include the provisions of A above in every subcontract or purchase order more than \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

15. **INDEMNIFICATION:** Sellers agree to indemnify, defend and hold harmless the Town of Warrenton, its officers, agents and employees from any claims, damages and actions of any kind or nature, whether at law or in equity, arising from or caused by any materials, goods, or equipment of any kind or nature furnished by the contractor, provided that such liability is not attributable to the sole negligence of the Town or to the failure of the Town to use the materials, goods or equipment in the manner already and permanently described by the seller of the materials, goods or equipment delivered.

16. **DEBARMENT STATUS:** By submitting a bid/proposal, all bidders/offerors certify that they are not currently debarred from submitting bids/proposals on contracts by the Town of Warrenton, nor are they an agent of any person or entity that is currently debarred from submitting bids/proposals on contracts by the Town of Warrenton.
17. **APPLICABLE LAW AND COURTS:** Any contract resulting from this solicitation shall be governed in all respects by the laws of the Commonwealth of Virginia and any litigation with respect thereto shall be brought in the courts of the Commonwealth. The seller shall comply with applicable federal, state and local laws and regulations.
18. **QUALIFICATIONS OF BIDDERS/OFFERORS:** The Town may make such reasonable investigations as deemed proper and necessary to determine the ability of the bidder/offeror to perform the work or furnish the item(s) and the bidder/offer shall furnish the Town all such information and data for this purpose as may be requested. The Town reserves the right to inspect the bidder=s/offeror=s physical plant prior to award to satisfy questions regarding the bidder=s/offeror=s capabilities. The Town further reserves the right to reject any bid/proposal if the evidence submitted by, or investigations of, such bidder/offeror fail to satisfy the Town that such bidder/offeror is properly qualified to carry out the obligations of the contract and to complete the work or furnish the item(s) contemplated therein.
11. **NOTICE OF REQUIRED DISABILITY LEGISLATION COMPLIANCE**  
The Town of Warrenton is required to comply with state and federal disability legislation: The Rehabilitation Act of 1993 Section 504, The Americans with Disabilities Act (ADA) for 1990 Title II and the Virginians with Disability Act of 1990.

Specifically, the Town of Warrenton, may not, through its contractual and/or financial arrangements, directly or indirectly avoid compliance with Title II of the Americans with Disabilities Act, Public Law 101-336, which prohibits discrimination by public entities on the basis of disability. Subtitle A protects qualified individuals with disability from discrimination on the basis of disability in the services, programs, or activities of all State and local governments. It extends the prohibition of discrimination in federally assisted programs established by the Rehabilitation Act of 1973 Section 504 to all activities of State and local governments, including those that do not receive Federal financial assistance, and incorporates specific prohibitions of discrimination on the basis of disability in Titles I, III, and V of the Americans with Disabilities Act. The Virginians with Disabilities Act of 1990 follows the Rehabilitation Act of 1973 Section 504.